

[illegible]

Human	MMQGN TCH RMS FHPGRGCPRGR
Human	GCHGARPSAPSRPQNLRLHPQQPPVQYQYEPSPAPSTTFNSPAPNLFPRPDPVFPFPPMPPSAQGLPPCPPIRPPFNHQRHPPFPVPPCFPPMP
Human	PPNFCFNNPPVPQAPPQCGCTTFPMPPPSMPHPPPVQYQYPPGYSHHNFPPPSFNSFONNPSFLPSANNSSSPFRHLPPYPPLPKAPSERR
Human	SPELKHYYDDHRRDHSNGRGRHSLSDRRRCGRSPDRRRQDSRYRSDYDRQTPSRHSYERSRERERHRHRDRNRSPSLERSYKKEYKRSGRSYG
Human	LSVTPPAGCTPELPGEIINKTDSWAPPLEIVNHRSPREKKRARWEKKRWSNQSSGDKNTYSIKEKEPEETMPDKNEEEELLLKPVWIRCTHS
Human	ENYSSDPMDQVGDSTVVGTSRLDLYDKFEEELGSRQEKAKAAPPPWEPPKTKLDEDLSSSESECESEDSTCSSSDSEVFDVIAEIKRKKAHPR
Human	LHDELWYNDPGQMNDGPLCKCSAKARRTGIRHSIYPGEHAIKPCRPMTNNAQLFHYRITVSPPTNFLTDRPTVIEYDDHEYIFEFGSMFAHPLTNIP
Human	LCKVIRFNIDYTIHFIEEMDPNFCVKGLELFLSLFRDILELYDNWNLKGPLFEDSPCCPRFHFMPRFRVFLPDDGGKEVLSMHQILLYLLRCSKALVP
Human	EEELANMLQWEELEWQKYAECKGMIVTNPCTKPSVRIQDQREQFNPDVITFPIIVHFGIRPAQLSYAGDPQYQKLWKSVMKLRHLLANSPPKVQKTD
Human	KQKLAQRREALQKIRQKNTMRREVTVELSSQGFWKTGIRSDVCQHMMPLVLTTHIRYHQCLMHLDKLIGYTFQDRCLLQLAMTHPSHHLNFGMNPDA

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Human	RNSLSNCGIRQPKYQDRKVVHMHMKGINTLINIMSRGQDDTPS--RINHNERLEFLGDVAVVEFLTSHLYLFPSSLEGGGLATYRTALVQNQHLLA
Worm	MSLFNIMKGTSGGEPILHNERLEYIGDAVVELIVSHHLYFMLTHHFEGLATYRTALVQNRNLA
PAC	MGRFRKHHEGDSDSSSASDSLSRGRSLGHRSSSHIKNRQYY
RNT	MGSKVAGKKTQNDNKLDNENGSOQRENINTKTLKGNLKI'NITKYLEVIOLEHAVTKLVSYNKIIELSPNLVAYNEAVNNQDRVPVQILPLSRYQL

Human	MLAKKLE-LDPFMI-YAGPDLCRESDLRHAMANCFEALIGAVYLESSLEAKQLFG---RLL-FNDPDLREVWLNPLHLPL-Q-LQEPNTDRQLIETS
Worm	TLAKNCR-IDE-MQYSHGADLINVAEKKHALANAFEAVMAIYLDGGLAPCDVIFS---KAMYGHQPVLKEKWDHINEHEL--KREDPQGDRLDSFIT
PAC	ILEKKIRKLMPAMKALLEETKHS-----KDDVNLVIPGSTWHSIEGVYEMLKSRHQRQNEPVIIEPSSHPKNQKNQENNEPTSEEFEE
RNT	KLAELKTLHDLKKDAILTEITDYENEFDEQK-----PILQEISKADMEKLEKLEQVREKREKIDVNVYENLNKEDEDEDEGEDSYDPTKAGDIV

FIGURE 1 (Continued)